

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY FIELD ARTILLERY CENTER AND FORT SILL
FORT SILL, OKLAHOMA 73503-5000

USAFACFS Regulation
No. 700-1

27 June 2002

Logistics
**STORAGE OF TRAINING AND CEREMONIAL
AMMUNITION IN ARMS ROOMS**

1. PURPOSE. This regulation clarifies DA policy with regard to the storage of hazard division (HD) 1.3 and HD 1.4 ammunition in unit arms rooms when operational necessity requires such storage.

2. REFERENCES.

- a. HQDA Memorandum, DACS-SF, Oct 97, Subject: SAB.
- b. DoD 6055.9-STD, DoD Ammunition and Explosives Safety Standards.
- c. DA Pam 385-64, Ammunition and Explosives Safety Standards.

3. APPLICABILITY.

a. DoD 6055.9-STD, chapter 9, paragraphs 9C3 and 9C4, and DA Pam 385-64, chapter 5, paragraph 5.1b, allow, *but do not encourage*, storage of limited quantities of HD 1.3 and 1.4, without regard to quantity-distance requirements, in arms rooms, hangars, and operational buildings, when operational necessity dictates such storage.

b. For USAFACFS unit purposes--

(1) The term "limited quantities" is defined as the minimum amount of HD 1.4 ammunition required to support operational mission (e.g., for security guard forces, military police, etc.) or the immediate training requirements of the unit owning the facility.

(2) The term "operational necessity" is defined as a mission associated with war or peacetime operations in which the consequences of an action justify the risk of loss of equipment and personnel. The qualifier "operational necessity" is intended to provide commanders the flexibility to ensure mission performance, to include training, without a waste of resources. It is not intended to allow such storage for convenience.

*This regulation supersedes USAFACFS Reg 700-1, 7 June 2002.

c. When other options (e.g., storage in an ammunition holding area {AHA}, ammunition supply point {ASP}, etc.) are available and their use would not adversely impact operations or result in an unnecessary commitment of resources (e.g., require unit personnel to provide 24-hour security or extended travel), they will be used.

d. When HD 1.4 or 1.3 munition items are stored in arms rooms or similar authorized structures, the commander or equivalent-level individual will ensure that--

(1) A risk management assessment is performed prior to storage. In this assessment, the commander will consider the need to expose the minimum number of personnel to the minimum amount of explosives for the minimum amount of time possible. Consideration should also be given regarding the threat to the installation/storage area and the preventative measures to prevent unauthorized personnel from gaining access to ammunition items.

(2) The facility used is properly licensed for storage of explosives. (Note: Because packaging is considered in determination of a munition item's hazard class and division, original packing must be maintained during storage of other than class 1.4 small arms ammunition items).

(3) Storage is consistent with security and appropriate force/fire protection regulations. (The use of metal storage containers or cabinets is to be encouraged. Store ammunition under the same criteria that it would be stored under in an approved ammunition storage facility, {e.g., no combustibles, solvents, or petroleum products in the vicinity of the ammunition}).

(4) The appropriate fire or chemical hazard symbol is properly posted.

(5) A Standing Operating Procedure (SOP) or Letter of Instruction (LOI) is prepared which details the proper storage, handling, and accountability procedures for class V items (which includes blanks, pyrotechnics, and smoke producing devices). This SOP should also address force protection considerations based on threat and vulnerability where losses due to terrorist activity, theft, etc. are a possibility (reference AR 525-13). Appropriate Arms Room attendants must sign the SOP whenever a change of personnel is made. The Post Safety Office must review this SOP yearly in order for it to be considered a valid document. Failure to keep this SOP in current status may invalidate the storage license.

(6) A fire emergency evacuation escape route diagram is posted inside of the arms room.

e. Reserve Component and Reserve Officer Training Command units that are conducting weapons qualification during inactive duty training may, when required, store limited quantities of HD 1.4 munitions inside an arms room for a limited period of time, not to exceed 7 days.

f. Active Component units that are not located near an approved ammunition storage facility (e.g., ASP, AHA, etc.) may store limited quantities (i.e., the amount required to support their immediate training needs) of HD 1.4 munitions inside an arms room for a limited period of time, not to exceed 7 days.

g. Active Component units that are located near an approved ammunition storage facility may store limited quantities (i.e., the amount required to support their immediate training needs) of HD 1.4 munitions inside an arms room overnight. Such units are authorized, when absolutely necessary, to store limited quantities of HD 1.4 over a weekend, e.g., not to exceed 72 hours, or extended weekends/holidays with attention given to the definition noted in paragraph 3b(2) of this circular.

h. You may store a limited quantity of HD 1.3 ceremonial ammunition (e.g., 75 mm blank, 105 mm blank) in an arms room provided no other practical alternative exists. Commanders must ensure that storage of quantities of ceremonial ammunition meet the "cardinal" principle of explosives safety: Expose the minimum number of people to the minimum amount of explosives for the minimum length of time, consistent with mission and operational requirements. Storage of HD 1.3 ceremonial ammunition will not exceed one full outer pack or 100 pounds net explosive weight, whichever is less.

i. Commanders will store only the minimum quantity of ammunition to meet training mission requirements and will continue to reconcile ammunition issue documents in accordance with AR 710-2.

j. Ammunition other than small arms ammunition must be packed in approved Department of Transportation containers.

k. Physically segregate "Training" ammunition from "operational necessary" ammunition and ammunition stacks clearly marked as "Training Ammunition."

l. Segregate ammunition physically by storing "blank" ammunition separate from "live" ammunition and separate the different lots numbers.

4. REQUIREMENTS.

a. Contingent upon unit compliance with the above noted criteria, you may store items noted on the attached storage license form in unit arms room without regard to Quantity Distance Verification (figure 1-1). This form (Fort Sill Form 700) is available in Acrobat Reader by accessing the following web site (<http://sill-www.army.mil/doim>). Unit personnel will develop a hazard risk assessment and a SOP that outlines user procedures in the safe handling, storage, and accountability of ammunition prior to routing of the form for approval by applicable personnel. After obtaining these documents, unit commanders must authorize storage as indicated by signature on the form. The brigade commander or next applicable level of command must approve such storage need as indicated by signature on the form. Present the document to security and fire department personnel for authorization. DOL Supply and Services Division

Quality Assurance Specialist (Ammunition Surveillance) (QASAS) office representative will then conduct an Arms Room Inspection to determine suitability for storage of ammunition items. If approved, the document will then be sent to Post Safety Officer for final signature.

b. Post the approved storage license in the arms room for inspection purposes. It will remain valid indefinitely. QASAS will review this license during the annual arms room inspection.

c. Units must have two each 10 BC fire extinguishers readily available in the location where ammunition items are stored. Post a fire evacuation plan in the applicable arms room location or as directed by fire department personnel. Personnel with key access to arms rooms must be available 24 hours a day should fire fighters be required to enter an arms room to extinguish a fire.

d. Fort Sill Fire and Emergency Services requires that, in addition to above noted requirements, they be contacted whenever ammunition other than small arms ammunition is placed in, or removed from any unit storage area. They may be reached at 580-442-6010/4905.

e. Each unit will provide DOL Supply and Services Division, Quality Assurance Specialist (Ammunition Surveillance) Office, with a listing of all ammunition items (by stock number, DODIC, lot number, and quantity as applicable) for all items stored by COB at the end of each month. Provide this listing via electronic mail or hard copy. The purpose of this listing is to assure that suspended, restricted, or potentially unsafe ammunition is identified and appropriate action taken to replace this stock.

f. Units have 180 days from date of this regulation to implement its requirements. Units found to be storing ammunition in unit areas without a valid approved storage license will be found in violation of this regulation.

g. Post Safety office will provide copies of each signed approved storage license to the QASAS office, Post Fire Protection Office, and Law Enforcement Command.

h. Store only 75/105mm blank and small arms ammunition (both ball and blank) in Arms Rooms. Store all other types of ammunition in the AHA.

i. Rotate ammunition stored in unit Arms Rooms annually.

j. Perform unit arms room inspections annually whether or not you use it to store ammunition.

A. Mission or Task:		B. Date/Time Group Begin: End: Indef		C. Date Prepared:	
D. Prepared by: (Rank, Name/Duty Position) CPT Bill Brown					
E. Task	F. Identify Hazards	G. Assess Hazards	H. Develop Controls	I. Determine Residual Risk	J. Implement Controls ("How to")
Storage of Ammunition in Battery Arms Room	Loss of accountability of ammunition	High (H)	1. Establish property book accountability of ammo stored in Arms Room. 2. Sign out all ammo by the number of rounds and lot number. 3. Monthly inspections of rounds and paper work. 4. Store ammo in banned ammo cans, which you will chain to the floor of the Arms Room. 5. Each can will have a tamper proof seal. 6. Armorer will inspect seals upon entry into the Arms Room. 7. Amnesty program established with amnesty box.	Low (L)	Posting of Unit Arms Room SOP Armor training on proper procedures/ paper work. Posting of Unit Arms Room SOP. Posting of Unit Arms Room SOP.

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Figure 1. Risk Management Assessment

E. Task	F. Identify Hazards	G. Assess Hazards	H. Develop Controls	I. Determine Residual Risk	J. Implement Controls ("How to")
Storage of Ammunition in Battery Arms Room	Ammunition is confused with training ammo	Moderate (M)	<ol style="list-style-type: none"> 1. Store ammo separately in marked, banned ammo cans with tamper proof seals. 2. Sign out all ammo in Arms Rooms by number of rounds and lot number. 	Low (L)	Establish Battery Ammo SOP within the Arms Room.
	Personnel being injured from accidental detonation of rounds "cooking off" during a fire or mishandling	High (H)	<ol style="list-style-type: none"> 1. Notify DPW of amount, type, and exact location of rounds in Arms Room. 2. Keep two fire extinguishers in the Arms Room at all times. 3. Post proper signs outside the Arms Room denoting it contains ammunition. 4. Teach armorors proper handling skills for ammunition. 	Low (L)	Admin control and inspection of Arms Room to determine if controls have been met.

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Figure 1. Risk Management Assessment (cont)

E. Task	F. Identify Hazards	G. Assess Hazards	H. Develop Controls	I. Determine Residual Risk	J. Implement Controls ("How to")
Storage of Ammunition in Battery Arms Room	Degradation of Ammunition due to excessive moisture.	Moderate (M)	1. Armorers will inspect ammunition monthly for any signs of degradation. 2. Use a dehumidified in the Arms Room at all times.	Low (L)	Unit Arms Room SOP and handlers class for all armorers.
	Not having ammo/inability to react to force protection.	High (H)	1. Establish an Operational Load of Ammo for the company/battery.	Low (L)	Establishment of company operating basic load.

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Figure 1. Risk Management Assessment (cont)

The proponent of this publication is DOL. Users are invited to send comments and suggested improvements to Cdr, USAFACFS, ATTN: ATZR-LS, 442-4408.

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